

ARTICLES IN JOURNALS.

- ANDREW, SALLIE L.—Insectivorous Plants (Petunia), *Pop. Sci. Mo.* 23. 382.
- ARTHUR, J. C.—Descriptions of Iowa Uromyces, *Bull. Minn. Acad. Nat. Sci.* 2. 13; some Algae of Minn., supposed to be poisonous, l. c. 2. 3.
- CELAKOVSKY, L.—Some species of the genus *Thymus*, *Flora*, April 11, (concluded).
- COOKE, M. C.—British Fresh Water Algae exclusive of Desmidiaceae, and Diatomaceae, a review by Askenasy, *Bot. Zeit.* April 13; same reviewed by N. Wille, l. c.
- ELLIS, J. B.—New N. Am. Fungi (10, all from Utah), *Torr. Bull.* 10. 52.
- FISCHER, ALFRED.—Cell-division in *Closterium*, *Bot. Zeit.* April 13 (3 pl. continued), April 20 (3 pl.), April 27 (3 pl. concluded).
- FRANKE, M.—Contribution to the Knowledge of Root-growths, reviewed by C. Müller, *Bot. Zeit.*, April 20.
- GRAF, H. ZU SOLMS-LAUBACH.—Upon the occurrence of Cleistogamic flowers in the Pontederiaceae, reviewed, *Bot. Zeit.* May 1.
- GROVE, W. B.—Notes on Schizomycetes (being the conclusion of a translation of Dr. Winter's paper on this group in the last edition of Rabenhorst's "Kryptogamen-Flora)," *Sci. Gossip*, No. 222, 123.
- HALBERLANDT.—The physiological action of plant tissues, reviewed, *Bot. Zeit.* April 20.
- HANCE, H. F.—New Chinese Cyrtandree (8 species, including 2 new genera, *Petrocodon* and *Primulina*), *Jour. Bot.* 21. 165; *Podophyllum* a Formosan genus, l. c. 21. 174.
- HARTIG, ROBERT.—Movements of Water in Plants, reviewed, *Bot. Zeit.* April 13.
- HARVEY, F. L.—Arboreal Flora of Arkansas, *Am. Jour. Forestry*, 1. 413.
- HECKEL, E.—Monograph of European *Festucineae*, reviewed by Peter, *Bot. Zeit.*, May 11.
- HOFFMAN, H. Culture investigations upon variation, *Bot. Zeit.*, April 27, May 4, May 11.
- JAMES, JOSEPH F.—A Revision of the genus *Clematis* of the U. S., *Jour. Cin. Soc. Nat. Hist.* 6. July '83.
- KARSTEN, P. A.—Mycological Fragments. *Hedw.* Feb. and March.
- KIRSCHNER, O.—Upon the sensitiveness of the root-tip to the influence of gravitation, *Bot. Zeit.* April 27.
- KRABBE, G.—Relation of bark-tension to the formation of annual rings and the diverting of the medullary rays, reviewed by Kienitz-Gerloff, *Bot. Zeit.* May 4.
- KUEHN, J.—Review of his "Paipalopsis Irmischiae, a new parasitic fungus of our flora," *Hedw.* Feb.
- MEEHAN, THOS.—Observations on the variability of *Quercus robur* and remarks by A. De Candolle; reviewed by Peter, *Bot. Zeit.* April 27.
- NORSTEDT, O.—Review of his "Fragments of a monograph of the Characeae, by A. Braun," *Hedw.* Feb.
- OUDEMANS, C. & J. A.—Two new fungi, *Hedw.* April.
- PARRY, C. C.—*Cucurbita Californica*, Torr. (completing the character, with plate), *Torr. Bull.* 10. 50.
- PAX, FERD.—Flora of the Rehhorn near Schatzlar, *Flora*, April 21.
- PENZIG, O.—Review of his "Fungi Agrumicoli," with descriptions of new species, *Hedw.* March and April.
- PHILLIPS, WM.—Review of his "Revision of the genus *Vibrissea*," *Hedw.* Feb.
- FRANTL, K.—The Genera *Cryptogamie* and *Pellaea* of Ferns, reviewed by Dr. L. Klein, *Bot. Zeit.* May 11.
- REHM, DR.—Ascomycetes, Fasc. XIV. (descriptions of species), *Hedw.* March and April.
- REINSH, P. F.—Further observations upon the peculiar intercellular bodies of coal, *Flora*, April 21.
- RICHTER, P.—Additional notes upon *Spherozyga Jacobi*, *Hedw.* Jan.
- SACCARDS, P. A.—Remarks upon the carpological system of the Pyrenomycetes, *Hedw.* Jan.
- SATTER, HANS.—Contributions to the History of the development of the antheridium in Hepaticae, reviewed by Kienitz-Gerloff, *Bot. Zeit.* April 27.
- SAUNDERS, JAMES.—A plea for our Charas, *Sci. Gossip*, No. 222. 121.
- SCHULZER, STEPHAN, VON MUEGGENBURG.—Contribution to the morphology of Fungi, *Hedw.* April.
- SCHWEINFURTH, G.—The Flora of Ancient Egypt (an account of the funeral wreaths belonging to Ramses II., Amenhotep I., and Aahmes I.), *Nature*, 28. 109.
- SPRUCE, RICHARD.—A review of his memoir upon "Cephalozia (a genus of Hepaticae), its subgenera, and some allied genera," *Jour. Bot.* 21. 183.
- STEPHANI, F.—Some new Hepaticae, *Hedw.* April.
- STROBL, P. GABRIEL.—Flora of Nebrodem (cont. from *Flora* 1882, p. 553), *Flora*, April 11 and May 1.
- TREFFNER, ED.—Contributions to the chemistry of Mosses, reviewed by Kienitz-Gerloff, *Bot. Zeit.* May 11.
- TRELEASE, WM.—The color-preferences of the Hive-bee, *Science*, 1. 305.
- VASEY, GEO.—New species of Grasses, *Torr. Bull.* 10. 52.
- VELENOVSKY, J.—Inflorescence of *Drosera rotundifolia*, *Flora*, April 11.
- WINTER, G.—Some new Fungi (including 3 U. S. species), *Hedw.* Jan.; upon the genus *Harknessia*, *Hedw.* Feb.; New N. Am. Fungi (4 from Ky., 1 from Ill.), *Torr. Bull.* 10. 49.